B C A A C A D E M Y

FURGERHERU. TUGETHER.

COURSE PORTFOLIO 2023





FORGE One can achieve very little working together can brin to achieve greatness, together can brin together can brin together can brin together can brin together can

One can achieve very little if operating alone. Instead, working together can bring us plentiful opportunities to achieve greatness, together.

Driven by this belief, BCA Academy works very closely with industry professional bodies and associations, public agencies, institutes of higher learning from both local and overseas, to create an efficient and effective platform for collaborative learning, to forge into the future collectively.



FORGE AHEAD. TOGETHER.

High-Impact

Business leaders today will need to re-imagine and re-invigorate business operations and strategies, to be agile and transform to a transitional leader. Equally important, building up a leadership pipeline will ensure continuous sustainability for the business.

Exposing these leaders, at the appropriate stage of their careers, to differing tasks will deepen their understanding of business operations and strategic thinking to deliver high-impact results in the longer term.

- Established since 1984
- Cumulative trainees > 1,200,000 people

2022 Statistics







CET - PARTICIPANT PROFILES



45% TAPs



PMEs:

Professionals, Managers and Executives

TAPs:

Technicians & Associate Professionals

CP:

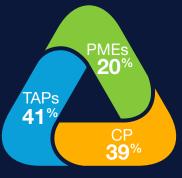
Construction Personnel

TAPS 24%

PMES 64%

CP 12%









Enhancing Capability and **FUTURE SKILLS**

Built Environment **LEADERSHIP DEVELOPMENT**

BE KNOWLEDGE HUB through PARTNERSHIPS

ADVANCED LEARNING INSTITUTION and LIVING LAB

FORGE AHEAD. TOGETHER. nguisitive Mind The drive for excellence requires a constant quest for curiosity - how can I do the same thing differently? How can the processes be improved to help me achieve better efficiency? **ADVANCED MASTER EXECUTIVE MANAGEMENT DEVELOPEMNT DEGREE** PROGRAMME **PROGRAMME SPECIALIST CERTIFICATES BACHELOR DEGREE** (Professional) **SPECIALIST GRADUATE DIPLOMA DIPLOMA DIPLOMA** SPECIALIST CERTIFICATES (Associate Professional) **TAPs PMEs**



FORGE AHEAD. TOGETHER.

Partnership

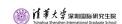
The world has become more integrated and interlinked. This calls for more collective collaboration amongst the industry stakeholders to achieve common goals.

It is imperative that industry trade associations, educational institutions, professional bodies, and also public agencies come together to establish strategic partnership to deliver a consolidated vision to strengthen the entire ecosystem and community.





Imperial College

























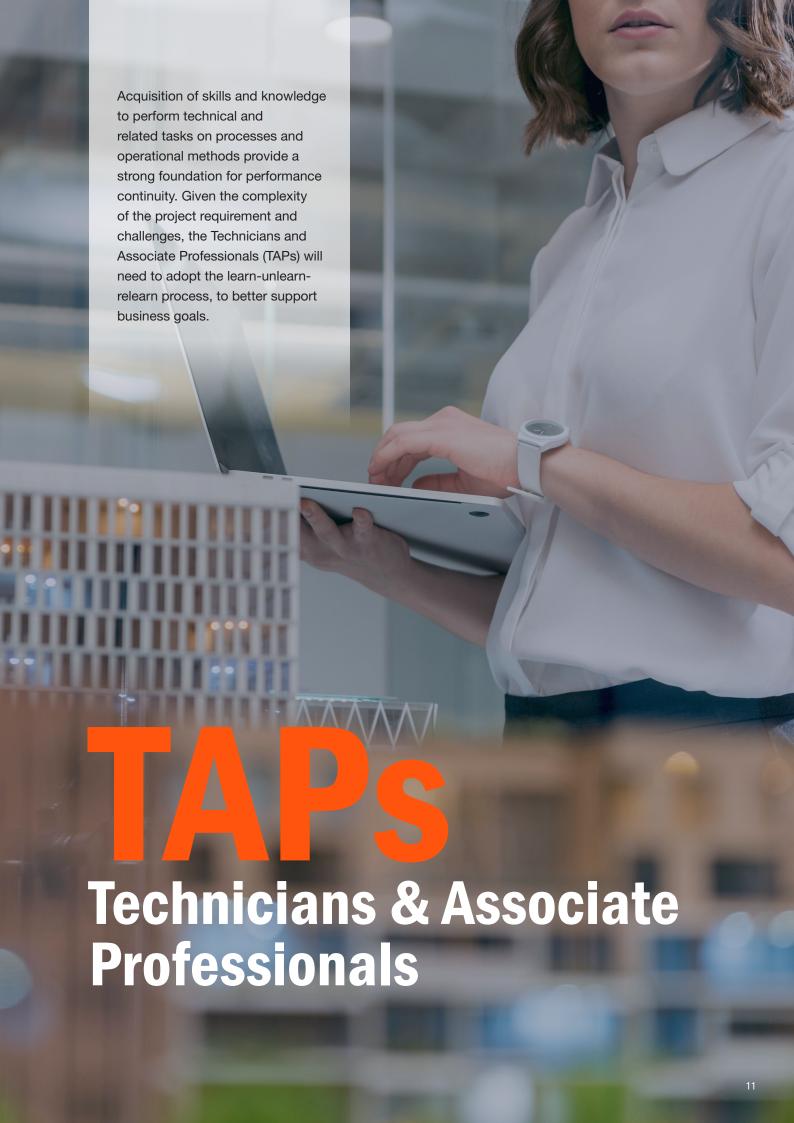






CIVIL	& STRUCTURAL ENGINEERING							
Code	Course Title	Duration Fee (Incl of GST)		Nett Fee after Funding (T&C apply)	1	Le ²	vel 3	4
77079	Building Control Regulations for Site Supervisors	0.5 day	\$150		*			
78026	Protection Against Lightning for Buildings	2 days	\$730			*		
79081	Registered Earthworks Supervisor Course	2 days / 4 evenings	\$500		*			
DESIG	IN FOR MANUFACTURING AND ASSEMBLY (DfMA)							
78029	Basic Concept in Construction Productivity Enhancement (BCCPE)	0.5 day	\$85		*			
80067	BCA-STAS Introductory course on Modular MEP Design and Prefabrication	2 days	\$720	\$114.39		*	*	
81023	Code of Practice on Buildability	0.5 day (am)	\$195		*	*		
77053	Site Management of Precast Concrete Construction	3 evenings	\$525	\$185.98		*	*	
80078	Supervision of Prefabricated Prefinished Volumetric Construction (PPVC) Projects	2 days	\$820	\$283.55		*	*	
FACIL	ITIES MANAGEMENT (FM)							
79090	Fire Safety Manager Course	5 days	\$1,400	S'porean/PR - \$770 S'porean with MCES - \$222.43 S'porean with WTS - \$157.01			*	
80072	Introduction to Smart Building Management System for FM Practitioners	2 days	\$1,400		*	*		
GREE	N BUILDINGS							
80053	Certification Course on Building Performance Simulation	3 days	\$1,300				*	
71925	Certification Course for Green Mark Accredited Professional (GM AP)	5 days	\$1,220	\$649.90 / \$421.26 (SSG)		*		
80039	Certification Course on CFD Modelling for Natural Ventilated Buildings	3 days	\$1,700				*	
80045	Certification Course on Design, Optimisation and Measurement of High Efficiency Central Air-Conditioning System	4 days	\$1,200				*	
71929	Certification Course on Efficient Building Envelope Design, ETTV and RETV	2 days	\$690				*	
80085	Certification Course on Driving Energy Performance in Super Low Energy (SLE) Buildings	2 days	\$921				*	
81027	Certification Course on Life Cycle Assessment: Carbon Computation and Management Strategies	2.5 days	\$1,490				*	
80046	Certification Course on Solar Architecture	2 days	\$650				*	
73086	Certification Course on Solar Modelling	3 days	\$1,250				*	
80054	Certification Course on Strategies for SMART FM & Maintainability	2 days	\$790				*	
80086	Certification Course on Sustainable Energy Management for Existing Buildings	3 days	\$1,512				*	
80084	Certification Course on Urban Heat Island (UHI) Mitigating Strategies	2 days	\$900				*	
80082	Understanding Green Mark 2021	0.5 days	\$90		*			
INTEG	RATED DIGITAL DELIVERY (IDD)							
80023	BIM for Building Lifecycle and Facility Management	2 days	\$680	\$108.04	*			
77076	Certification Course in BIM Management	4 days	\$1,400	\$407.48	*	*	*	
78087	Computational BIM	2 days	\$700	\$111.21	*	*		
80065	Principles of Integrated Digital Delivery	e-Learning	\$450	\$71.50	*	*		
80026	Principles & Application of Data Analytics	2 days	\$800			*		
ACCE	SSIBILITY & UNIVERSAL DESIGN		ı	1				
78014	Certification Course for Universal Design (UD) Assessors	4 days	\$1,700			*	*	
80098	Refresher Course for Universal Design (UD) Assessors [NEW]	2 days	\$750			*	*	
79058	Way-finding and Signage Design	1 day	\$510			*	*	
	ERSHIP & MANAGEMENT	ı						
80047	SMU-BCA Advanced Management Programme	6 days	\$13,500	\$7,192				*
80055	Tsinghua-BCA Built Environment Leadership Immersion	5 days	\$9,500	\$2,850				*
80043	SMU-BCA Executive Development Programme	8 days	\$12,300	\$4,254		*	*	
80044	SUTD-BCA Innovation Bootcamp	4 days	\$5,000	\$1,729		*	*	
M&E E	ENGINEERING							
78081	Lift and Escalator Course for Engineers	5 days + 1 hr assessment	\$3,450	\$ 2,880 / \$1,550 (SSG)			*	*
80032	Lift and Escalator Course for Inspectors	4 days + 1 hr assessment	\$2,550	\$ 2,137.50 / \$1,175 (SSG)		*	*	

PROJ	ECT MANAGEMENT & CONTRACTS							
Code	Course Title	Duration	Fee (Incl of GST)	Nett Fee after Funding (T&C apply)	1	1 2		4
80063	Advanced Life Cycle Costing for Project Planning and Design	2 days	\$700				*	*
80049	Life Cycle Costing for Project Planning	0.5 day	\$220		*	*		
73007	Project Management	3 days	\$1,280	\$442.62	*	*	۲	
QUALI	TY							
81020	Good Industry Practices (Aluminium Window)	1 day	\$410		*			
81025	Good Industry Practices (Drywall Installation including Wet Areas Application)	1 day	\$410	\$124.02	*			
81017	Good Industry Practices (Marble/Granite/Ceramic Tiling)	1 day	\$410		*			
81018	Good Industry Practices (Painting)	1 day	\$410		*			
81024	Good Industry Practices (Timber Doors, Wardrobe & Kitchen Cabinet)	1 day	\$410		*			
81021	Good Industry Practices (Timber Flooring)	1 day	\$410	\$124.02	*			
81022	Good Industry Practices (Waterproofing for External Wall)	1 day	\$410		*			
81019	Good Industry Practices (Waterproofing for Internal Wet Areas)	1 day	\$410		*			
REGU	LATIONS							
73971	Essential Knowledge in Construction Regulations for Licensed Builders	2.5 days	\$740			*		
73966	Essential Knowledge in Local Regulations and Construction Practices	2.5 days	2.5 days \$740			*		
80058	Legislation Course for Managing Agents	3 days (blended learning)	\$460		*	*		
79082	The Security of Payment Act – Technicalities and Practicalities	1 day	\$420		*	*		
80064	Enhancing Competency of BE Professionals on Regulatory Regime Module 1 – Overview of Code Compliance Process in Relation to Buildng Project Life Cycle	1 day	\$285			*	*	
80099	Introduction to the Regulatory Approval Process via CORENET X [NEW]	1 day	\$145			*	*	
SAFE	TY - MANAGERS / SUPERVISORS							
44100	Applying Data Analytics Approach to Workplace Safety and Health	2 days	\$610	\$580		*		
77018	Behavioural Safety for the Construction Industry	2 days	\$490			*		
79092	Certificate in Façade Inspection	3.5 days	\$1,500	\$1,147.50 / \$325	*	*		
77087	Certification Course for Site Investigation Supervisors	4 evenings	\$700			*		
46020	Demolition Course for Renovation Contractors	1 day	\$210	\$35	*			
73053	Develop a Risk Management Implementation Plan (bizSAFE Level 2)	2 days	\$470	\$74.67		*		
77034	Develop a Workplace Safety and Health Management System Implementation Plan (bizSAFE Level 4)	4 days	\$740	\$117.57				
45010	Managing Noise in Construction Site	1 day	\$410	To be advised		*		
44079	Practical Application of WSH Legislations in Construction Projects through Case Studies	2 days	\$600	\$570		*		
78037	Workshop for Company CEO/Top Management (bizSAFE Level 1)	0.5 day (pm)	\$160		*			



CIVIL 8	STRUCTURAL ENGINEERING	TRUCTURAL ENGINEERING						
Code	Course Title	Duration	Fee	Nett Fee after			vel	
			(Incl of GST)	, rang (ras apprij)		2	3	4
77079	Building Control Regulations for Site Supervisors	0.5 days	\$150		*			
80097	Certification Course in Instrumentation and Monitoring for Construction Work	1 day	\$900			*	*	
79081	Registered Earthworks Supervisor Course	2 days / 4 evenings	\$500		*			
78026	Protection Against Lightning for Buildings	2 days	\$730			*		
DESIG	N FOR MANUFACTURING AND ASSEMBLY (DfMA)							
78029	Basic Concept in Construction Productivity Enhancement (BCCPE)	0.5 day	\$85		*			
88067	BCA-STAS Introductory course on Modular MEP Design and Prefabrication	2 days	\$720	\$114.39		*	*	
81023	Code of Practice on Buildability	0.5 day (am)	\$195		*	*		
77053	Site Management of Precast Concrete Construction	3 evenings	\$525	\$210.98		*	*	
80078	Supervision of Prefabricated Prefinished Volumetric Construction (PPVC) Projects	2 days	\$820	\$\$283.55		*	*	
CERTIF	FICATION COURSES FOR SUPERVISORS							
77036	Builder Certificate in Plumbing & Pipefitting	6 months (day) / 11 months (evening)	\$4,050	\$643.45		*		
78009	Certificate in Gas Technology	20 evenings or 10 days	\$2,140	\$340		*		
74008	Certificate in Pavement Construction & Maintenance	6 months (evening)	\$3,150	To be advised		*		
74009	Certificate in Precast Concrete Construction Supervision	4 months (evening)	\$2,900	SSG: \$1,370 Enhance Funding for SME: \$650 S'porean with Mid- Career Enhanced: \$650		*		
FACILI	TIES MANAGEMENT (FM)							
80072	Introduction to Smart Building Management System for FM Practitioners	2 days	\$1,400		*	*		
INTEG	RATED DIGITAL DELIVERY (IDD)							
77A75	Certification Course in BIM Modelling (Architecture Track)	4 days	\$1,980	\$854.77	*	*		
77M75	Certification Course in BIM Modelling (MEP Track)	4 days	\$1,980	\$854.77	*	*		
77S75	Certification Course in BIM Modelling (Structure Track)	4 days	\$1,980	\$854.77	*	*		
	NGINEERING			1				
77A51	Refresher Course for Licensed Electrical Workers (Electricians)	1 day	\$210			*		
77051	Refresher Course for Licensed Electrical Workers (Technicians & Engineers)	1 day	\$270			*		
	ECT MANAGEMENT & CONTRACTS	0.1	# 000	1				
73003	Construction Contract Administration	2 days	\$930		*	*		
80027	Construction Contract Drafting & Dispute Resolution	2 days	\$700			*		
80095	Construction Law and Contracts: Principles and Application [NEW]	12 evenings	\$2,050				*	
73099	Project Management for Professionals in the Building and Construction Industry	5 days	\$2,050				*	
80083	Understanding and Applying the Public Sector Standard Conditions of Contract (PSSCOC).	2 Days	\$600			*		
QUALI								
81020	Good Industry Practices (Aluminium Window)	1 day	\$410		*			
81025	Good Industry Practices (Drywall Installation including Wet Areas Application)	1 day	\$410	\$124.02	*			
81017	Good Industry Practices (Marble/Granite/Ceramic Tiling)	1 day	\$410		*			
81018	Good Industry Practices (Painting)	1 day	\$410		*			
81024	Good Industry Practices (Timber Doors, Wardrobe & Kitchen Cabinet)	1 day	\$410		*			
81021	Good Industry Practices (Timber Flooring)	1 day	\$410	\$124.02	*			
81022	Good Industry Practices (Waterproofing for External Wall)	1 day	\$410		*			
81019	Good Industry Practices (Waterproofing for Internal Wet Areas)	1 day	\$410		*			
REGUL	ATIONS							
80094	Code Compliance in Development Control (DC) and Building Plan (BP) Submission	1 day	\$420			*	*	
71015	Renovation for Public Housing (English)	2 days	\$370		*	*		
	Y - MANAGERS / SUPERVISORS							
44083	Developing a Lifting Plan for Crane Lifting Operations	2 days	\$500	\$472		*		

The development of Singapore, including its world-class infrastructure, airports, seaports, high-rise buildings etc, would not have attracted global attention if not for the contribution of the construction personnel (or tradesmen as they are more commonly known). Recognising the need to gear up for greater productivity and efficiency, the construction personnel must also be retrained to be multi-skilled, to deliver the project objectives.

Construction Personnel

On di-	Course Title	D.wMaria	Detion Fee	Fee Nett Fee after	Nett Fee after	Level				
Code	Course Title	Duration	(Incl of GST)	Funding (T&C apply)	1	2	3	,		
71009	Gas Service Workers Course	18 evenings	\$1,850			*				
41005	Installation of Structural Supports for Air-con Condensing Units	2 days or 4 evenings	\$610	\$285	*					
ORETI	RADE COURSES FOR TRADESMAN									
48001	CoreTrade Supervisors (Structural)	35 hours (4.5 days or 12 evenings)	\$1,070	\$194.14		*				
48002	CoreTrade Supervisors (Architectural)	35 hours (4.5 days or 12 evenings)	\$1,070	\$194.14		*				
48003	CoreTrade Supervisors (Mechanical & Electrical)	35 hours (4.5 days or 12 evenings) \$1,070 \$194.14			*					
48004	CET for CoreTrade Supervisor (Structural)	1 day or 2 evenings \$375				*				
48005	CET for CoreTrade Supervisor (Architectural)	1 day or 2 evenings	\$375			*	*			
48006	CET for CoreTrade Supervisor (Mechanical & Electrical)	1 day or 2 evenings	\$375			*				
PLANT	OPERATION									
44070	Approved Crane Erector for Approved Crane Contractors (Tower Crane)	3 days or 8 evenings \$700			*					
44000	Bridging Course for Crane Operators	5 days or 3.5 days	\$1,400 / \$950			*				
44064	Crawler Crane Operation	12 days	\$2,772 (Local) \$2,985 (Foreign)	\$440.41	*					
44003	Luffing Jib Tower Crane Operation	4 days	\$950	\$262.50		*				
44066	Mobile Crane (Truck Mounted) Operation	12 days	\$2,770 (Local) \$2,985 (Foreign) \$440.09		*					
44084/ 5/6	PPVC Lifting Course for Crane Operators (Tower/Crawler/Mobile)	1 day	\$710	\$695		*				
44068	Tower Crane Operation	12 days	\$2,772 (Local) \$2,985 (Foreign)	\$440.41	*					



			F	Nott Egg offer		/el	
Code	Course Title	Duration	Fee (Incl of GST)	Nett Fee after Funding (T&C apply)	1	2	3
Specialist	Diploma in Architectural Technology			3 months per mo	dular	cert	ificat
79004A	Certificate in Architectural BIM Submission	Jan - Mar	\$2,000	To be advised		*	*
79004B	Certificate in Sustainable Architectural Design	May - Jul	\$2,000	To be advised		*	*
79004C	Certificate in Architectural Detailing & Building Services	Sep - Nov	\$2,000	To be advised		*	*
Specialist	Diploma in Building Information Modelling		3 months per modular ce		cert	ificat	
74056A	Certificate in BIM Design and Coordination	Jan - Mar / Jul - Sep	\$3,250	To be advised		*	*
74056B	Certificate in BIM Construction and Coordination	Apr - Jun / Oct - Dec	\$3,250	To be advised		*	*
Specialist	Diploma in Building Cost Management			3 months per mo	dular	cert	ificat
74051A	Certificate in Building Cost Management (Project Management)	Jan - Mar	\$2,000	To be advised		*	*
74051B	Certificate in Building Cost Management (Cost Control Management)	May - Jul	\$2,000	To be advised		*	*
74051C	Certificate in Contract Administration	Sep - Nov	\$2,000	To be advised		*	*
Specialist	Diploma in Computational BIM (Building)		<u> </u>	3 months per mo	dular	cert	ificat
79020A	Certificate in Computational Thinking and Programming	Jan - Mar / Jul - Sep	\$3,500	To be advised		*	*
79020B	Certificate in Computational BIM Applications (Building)	Apr - Jun / Oct - Dec	\$3,500	To be advised		*	*
Specialist	Diploma in Construction Management	r	, , , , , , , , , , , , , , , , , , ,	3 months per mo	dular	cert	ificat
74037A	Certificate in Construction Management (MEP System)	Jan - Mar	\$2,166	To be advised		*	*
74037B	Certificate in Construction Management (Architecture and Structure)	May - Jul	\$2,167	To be advised		*	*
74037C	Certificate in Contract and Cost Management	Sep - Nov	\$2,167	To be advised		*	*
	Diploma in Construction Productivity		4 2,101	3 months per mo	dular		
79005A	Advanced Certificate in Construction Productivity	Jan - Mar / Jul - Sep	\$2,300	To be advised		*	*
79005B	Certificate in Management of Productive Technologies	Apr - Jun / Oct - Dec	\$3,700	To be advised		*	*
	Diploma in Facility & Energy Management	Apr - Juli / Oct - Dcc	ψ3,700	3 months per mo	dular		
74A19	Certificate in Digital Delivery of Facilities Management	Jan - Mar	\$2,166	To be advised	uulai	*	*
	Certificate in Mechanical System and Building Management					-	
74B19	, , ,	May - Jul	\$2,167	To be advised	\vdash	*	*
74C19	Certificate in Electrical System & Energy Management	Sep - Nov	\$2,167	To be advised		*	*
	Diploma in Integrated Project Management	1. F. days	ф710	To be advised		,	
SIPM211	Scope of Work for Project Management in BE Sector	1.5 days	\$710	To be advised	\vdash	*	*
SIPM212	Project Management Body of Knowledge in BE Sector	12 evenings	\$1,560	To be advised	\vdash	*	*
SIPM213	Project Management for Productivity Enhancement	5 evenings	\$950	To be advised		*	*
SIPM214	Integrated Procurement Management	6 evenings	\$1,060	To be advised		*	*
SIPM215	Contract Administration and Collaborative Contracting	10 evenings	\$1,670	To be advised		*	*
SIPM216	Project Assignment	1 month	\$100	To be advised	Ш	*	*
	Diploma in Smart Facilities Management		I	3 months per mo	dular	cert	ificat
74A19	Certificate in Digital Delivery of Facilities Management	Jan - Mar	\$2,166	To be advised		*	*
79024B	Certificate in Planning and Management of Smart FM	May - Jul	\$2,417	To be advised		*	*
79024C	Certificate in Integrated Facilities Management	Sep - Nov	\$2,417	To be advised		*	*
Specialist	Diploma in Underground Construction			3 months per mo	dular	cert	ificat
79014A	Certificate in Basic Geotechnical Engineering	Jan - Mar	\$2,000	To be advised		*	*
79014B	Certificate in Underground Excavation	May - Jul	\$2,000	To be advised		*	*
79014C	Certificate in Tunnelling Technique	Sep - Nov	\$2,000	To be advised		*	*
Specialist	Diploma in Virtual Design & Construction			3 months per mo	dular	cert	ificat
79012A	Certificate in Virtual Design & Construction Practices	Jan - Mar / Jul - Sep	\$3,000	To be advised		*	*
79012B	Certificate in Virtual Design & Construction Process Management	Apr - Jun / Sep - Nov	\$3,000	To be advised		*	*

SPECIA	LIST DIPLOMA PROGRAMMES							
Code	Course Title	Duration	Fee (Incl of GST) Nett Fee after Funding (T&C apply)		1	Lev 2	rel 3	4
POSTG	RADUATE / UNDERGRADUATE DEGREE PROGRAMME							
	PART TIME Bachelor of Construction Management (Building) (Awarded by University of Newcastle, Australia)	3.5 years	\$37,350 - \$51,000				*	
	FULL TIME Bachelor of Construction Management (Building) (Awarded by University of Newcastle, Australia)	2.5 years	\$37,350 - \$51,000	\$37,350 - \$51,000			*	
	PART TIME Bachelor of Building and Project Management (Awarded by Singapore University of Social Sciences in partnership with BCA Academy)	3 years	Direct Honours from \$21,164 Basic Degree from \$15,218.61 Refer to www.suss.edu.sg				*	
	PART TIME Bachelor of Science in Facilities Management with Minor (Awarded by Singapore University of Social Sciences in partnership with BCA Academy and Singapore Polytechnic)	3 years	Direct Honours from \$21,164 Basic Degree from \$15,218.61 Refer to www.suss.edu.sg				*	
INTEGF	RATED WORK-STUDY DIPLOMA PROGRAMMES (FULL-	-TIME)						
79029	Diploma in Construction Engineering (Digital)		\$3,000 (S'porean) \$7,000 (S'pore PR) \$13,000 (Intl)			*		
79030	Diploma in Digital and Smart Facilities Management	3 years				*		
79028	Diploma in Digital and Sustainable Architecture		(Per Year)			*		
DIPLON	MA PROGRAMMES (PART-TIME)							
Diploma	in Construction Engineering							
77026A	Certificate in Structural Analysis	Apr - Aug	\$3,000			*		
77026B	Certificate in Construction Technology	Oct - Feb	\$3,000			*		
77026C	Certificate in Site Management	Oct - Feb	\$3,000	\$9,000 (SSG)		*		
77026D	Certificate in Reinforced Concrete Design	Apr - Aug	\$3,000	(,		*		
77026E	Certificate in Structural Design	Apr - Aug	\$3,000			*		

NOTES

- The courses and fees are strictly indicative and subject to confirmation.
- BCA Academy reserves the right to amend any details relating to the courses, revise the course fees, cancel or postpone the course without prior notice.
- Funding and subsidies offered by BCA / BCA Academy or third party organisations for the courses are subject to approval. The company must make the application for funding and subsidies. Neither BCA nor BCA Academy is to be held liable and the company agrees to pay BCA the applicable funding amount if funding and subsidies are either granted at a reduced amount, not granted at all or if funding is revoked, for whatever reason.
- Please note that the waiting time for some of the courses may be more than 2 months. Registration is on first-come-first-served basis.
- By submitting the course application, you will consent to BCA/BCA Academy to disclose your personal information to other government agencies/our authorised training partners relating to the application where relevant.
- For area of training that is not listed here, kindly contact BCA Academy for further details.
- For enquiries, please call 6248 9999 or email to bca_academy@bca.gov.sg

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RCA ACADEMY

www.bcaa.edu.sg

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